	Application No.	Applicant(s)	
Notice of Allowability	10/660,508	YANG ET AL.	
	Examiner	Art Unit	
	Arnold Castro	3747	
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in or other appropriate comming IGHTS. This application is so	n this application. If not included unication will be mailed in due cour	se. THIS
1. This communication is responsive to			
2. 🖾 The allowed claim(s) is/are <u>1-18</u> .			
3. 🗵 The drawings filed on 12 September 2003 are accepted by	the Examiner.		
 4. ☐ Acknowledgment is made of a claim for foreign priority ur a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have 2. ☐ Certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 	been received. been received in Application	on No	from the
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	of this communication to file IENT of this application.	a reply complying with the require	ements
5. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give			CE OF
6. CORRECTED DRAWINGS (as "replacement sheets") mus	st be submitted.		
(a) including changes required by the Notice of Draftspers	son's Patent Drawing Review	v (PTO-948) attached	
1) 🗌 hereto or 2) 🗍 to Paper No./Mail Date			
(b) including changes required by the attached Examiner's Paper No./Mail Date			
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t			k) of
7. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT			the
Attachment(s) 1. ☑ Notice of References Cited (PTO-892)	5. ☐ Notice of In	formal Patent Application (PTO-15	(2)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)		ummary (PTO-413),	_,
Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date <u>03172004</u> Examiner's Comment Regarding Requirement for Deposit	Paper No. 98), 7. ☐ Examiner's 8. ☑ Examiner's	Mail Date Amendment/Comment Statement of Reasons for Allowan	ice
of Biological Material	9.	Henry C. Yuen Supervisory Patent Examiner Group 3700	

Application/Control Number: 10/660,508

Art Unit: 3747

DETAILED ACTION

The following is an examiner's statement of reasons for allowance:

Claim 1 contains limitation of a method of providing exhaust gas recirculation (EGR) in a multi-cylinder engine method comprising the steps of: imparting motion to a valve actuator, actuating the engine valve of a first engine cylinder responsive to the imparted motion, determining a first and a second engine parameter level, modifying the imparted motion responsive to the level of the first engine parameter level and the second engine parameter level to produce an exhaust gas recirculation event. The prior art did not disclose such modifying of imparted motion based on two engine parameters.

Claim 13 claims a system comprising an EGR housing disposed on the engine housing, said EGR housing having an hydraulic passage formed therein, means for actuating the engine valve of a first engine cylinder, means for imparting motion to said valve actuation means; and means for modifying the motion imparted to said valve actuation means to produce an EGR event having an early valve closing time. The prior art did not disclose such as system producing an EGR event having an early valve closing time.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Art Unit: 3747

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Arnold Castro whose telephone number is (703) 305-0039. The examiner can normally be reached on 7:30am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yuen Henry can be reached on (703) 308-1946. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Arnold Castro Examiner Art Unit 3747